



HF Happenings



South African Radio League * Suid-Afrikaanse Radioliga
1925 - 2015

Member Society of the International Amateur Radio Union since 1925

www.sarl.org.za www.iaru.org www.iaru-r1.org

No 646

February 2015

Band edges

Watch out for band edges on phone, as it is easy to forget where your sidebands are - tune your SSB carrier frequency (what is displayed by the transceiver) no higher than 2,5 kHz below an upper band edge on USB and no lower than 2,5 kHz above the lower band edge on LSB.

South African Radio League Hamnet 40 m Simulated Emergency Contest

This SSB Contest is open to all Radio Amateurs in South Africa, Namibia, Botswana, Zimbabwe, Swaziland, Mozambique, Lesotho, Marion Island and South African Antarctica. Only contacts with these areas will count. The contest will be on the air from 12:00 to 14:00 UTC on Sunday 1 March 2015 and it is a phone contest in the band segments 7 063 to 7 100 kHz and 7 130 to 7 200 kHz.

Participation can be as a) Single operator stationary mobile; b) Single operator portable; c) Multi-operator portable or d) Single operator base station. In each category, indicate if the operator(s) are Youth or YLs.

Antennas are limited to antennas with less than unity gain relative to a dipole. Stationary Mobile stations shall use antennas that rely solely on their vehicles for support and shall not exceed a height of 5 metres above ground. Portable station antennas may not be erected and installed before the day of the contest and no permanent manmade structure may be used to either house equipment or for antenna supports.

Stationary Mobile and Portable sta-

tions shall operate from the same site for the duration of the contest and all power used shall comply with the requirements for Field Stations in the general rules.

The exchange is a signal report followed by a three-figure number as follows:

Category a: Starting with 201 for the first contact

Category b: Starting with 401 for the first contact

Category c: Starting with 601 for the first contact

Category d: Starting with 801 for the first contact

Non-participants start with 001 for the first contact

Scoring consists of points accumulated from all contacts, multiplied by a multiplier.

Contact with a station in:

Category a, b and c in own area - 3 points

Category a, b and c in another area - 4 points

Category d or non-participant in own area - 1 point

Category d or non-participant in another area - 2 points

Areas are as defined in the following list:

Area 1: ZS1

Area 2: ZS2

Area 3: ZS3

Area 4: ZS4

Area 5: ZS5

Area 6: ZS6

Area 7 (eastern group): 3DA, 7P, C9, Z2, ZS8

Area 8 (western group): A2, V5, ZS7

The multiplier consists of the number of call areas worked, multiplied by a power multiplier. The power multiplier is 2 for an

output power of over 50 W PEP, and 3 for an output power of less than 50 W PEP.

Log sheets must be submitted by 7 March 2015 to Hamnet Eastern Cape, Al Akers, ZS2U, 53 Clarence Street, Westering, Port Elizabeth, 6025 or by e-mail to contest@peham.co.za

The Africa All Mode International DX Contest

The objective of the Africa All Mode International DX Contest is to stimulate contesting from Africa. All participating stations worldwide may work any entity during the contest period, but QSOs with radio amateurs from Africa are encouraged as reflected in the higher points being awarded in the scoring mechanism. African DXCC entities are defined as those valid per the ARRL DXCC AF listing published at the date and time of the contest.



The contest will run from 12:00 UTC on Saturday 14 March to 12:00 UTC on Sunday 15 March 2015. Both single and multi-operator stations may operate for the entire 24-hour period. There are no mandated breaks in operating time required. CW, RTTY and SSB may be used on 160, 80, 40, 20, 15 and 10 metres

The exchange is the RS(T) report followed by an incremental serial number commencing at 001. Changing modes or bands does not necessitate different serial number ranges. A complete exchange, consisting of an RS(T) and serial number, must be logged for each QSO.

All QSOs with African entities count 10 points and all other QSOs count 1 point. No paper entries will be accepted for the contest or checking purposes. Entries must be submitted in Cabrillo format only and be received no later than 30 March 2015. Entries must be sent to contest@sarl.org.za. Read the rules about scoring, multipliers and power on page 50 of the 2015 Contest Manual.

February 2015

2 – World Wetlands day
 5 – HABEX-10 Mission meeting at ERB Club house
 7 – SARL@HOME at the NARC
 7 and 8 – AWA CW Day; Midmar Mile Swim, PMB
 11 to 25 – Rhodes Stopesitfees (ZS2)
 13 February - International Radio Day
 14 – Valentine's Day
 14 and 15 – SARL National Field Day; Berry Festival, Magoebaskloof (ZS6)
 15 February - closing date for PEARS VHF/UHF logs
 18 – Ash Wednesday
 18 and 19 - The 2015 Sub-Sahara Spectrum Management Conference, Johannesburg
 19 to 21 – Dusi Canoe Marathon
 21 – SARL Youth Contest
 22 – SARL Digital Contest
 27 – National Milk Tart Day
 27 and 28 – SARL Council Strategic Meeting, Jhb;
 Clarens Craft Beer Festival
 27 Feb to 1 March – Garden Route 300 Mountain Bike Race

March 2015

1 - SARL Hamnet Contest
 8 - International Women's Day; Cape Argus PnP Cycle Tour
 14 - SARL@Home
 14 and 15 - Africa All Modes Contest; RSGB Commonwealth Contest
 17 - St Patrick's Day
 18 to 24 – Scifest Africa, Grahamstown
 20 - Autumn Equinox; SARL 90 Open Day for ICASA and the Media
 21 - Human Rights Day; Hindi New Year; SARL 90 Open Day; Oude Kraal Mutton and Beerfest
 21 and 22 - SARL VHF/UHF Contest
 22 – World Water Day
 23 - World Meteorological day
 25 - Inland Schools close
 28 – SARL@Home – DXing and Contesting with Chris, ZS6EZ
 28 and 29 – CQ WPX SSB; SARL 5 MHz Activity Weekend
 29 – Palm Sunday

5 MHz activity weekend

The South African Radio League 5 MHz activity weekend will be held on 28 and 29 March. The first slot will be run each day from 06:00 - 08:00 Central African Time with

the second slot from 18:00 to 22:00 Central African Time. More details to follow.

Results of the 2015 PEARS National VHF/UHF Contest

Digital communications excelled this time in the PEARS National VHF & UHF Contest, when a number of long distance contacts were recorded countrywide, a new VHF contest distance record was established on 50 MHz digital, and the first DX station logged from a neighbouring state. However, poor weather conditions, rain, gale force winds, power failures in some areas limited the distances on analogue to under 400 km as well as the number of analogue contacts made, and unfortunately the field stations were also missing on the air. Nevertheless 30 logs were received, with the most coming from Division 1 and QSOs were recorded on all five bands: 50, 70, 144, 432, and 1 296 MHz.

Grand Overall Digital Winner

Andre Botes, ZS2ACP, 6 987 points
Longest distance on 50 MHz digital
Ettienne Vosloo, ZS1AX, and Jan "Pine"
Pienaar, ZS6OB, 1 290 km
Longest Distance on 144 MHz digital
Koos du Plessis, ZS6BFD, and Pieter Jacobs,
V51PJ, 1 115 km

Grand Overall Analogue Winner

Michael Folkey, ZR4MF, 3 338 points

Divisional Analogue Winners

Division 1: Mike Kellett, ZS1TAF, 557 points
Division 2: Eric Hosten, ZS2ECH, 868 points
Division 4: Michael Folkey, ZR4MF, 3 338 points
Division 6: Koos du Plessis, ZS6BFD, 2 572 points

Winner Rover Category

Glen Verran, ZS1VG/R, 145 points

Prize Winners of the 144 MHz FM Category

Division 1: Sybrand Strauss, ZS1SAS, 60 points. The prize to be donated by the Boland Amateurradioklub.

Division 2: Amanda la Mude, ZS2AV, 80 points. The prize to be donated by Rory Norton, ZS2BL, of SA Ham-Shack.

PEARS wish to express their sincere thanks to all the sponsors for offering to donate prizes. New certificates are being designed and will be e-mailed to the winners and runners-up as soon as available.

Read more in "PEARS National VHF/UHF Contest" on the SARL VHF Forum.

Mega DXpeditions Honour Roll

In the late 90s, Jari Jussila, OH2BU, started collecting records of DXpeditions that make at least 30 000 QSOs. What it used to be a spreadsheet has been put into a database maintained by Bernd, DF3CB, and hosted on the German DX Foundation's website <http://gdx.de/megadxpeditions/>. It is not a mere statistic exercise, but an intriguing review of 221 DXpeditions (so far) that have made the history of DXing over the years, from 8Z4A in 1979 to the most recent K1N and EP6T in 2015.

Comments, corrections or additions to the list should be sent to bernd@df3cb.com and Jari.Jussila@oh2bu.pp.fi

K1N Final Press Release

[edited]. Dated 21 February 2015, from the KP1-5 Project.

The K1N DXpedition team has only been home a few days, but we are slowly recovering from what was a difficult project. It was over too soon, considering that it took 15 years to gain permission, plan and execute the DXpedition. The DX world is very complimentary of our results ... 140 000 QSOs and over 30 000 uniques. This is especially impressive when you consider that we had only had 14 active operators, 7 HF radios, 5 small amplifiers and only 4 small beams. Many of our QSOs were made barefoot and with dipoles hanging very high on the lighthouse on Navassa. This is what we called a MVC (Minimum Viable Configuration) necessitated by the use of helicopters for primary transport.

We have many to thank. The USFWS for allowing our operation after 22 years off

the air. The terrific team of USFWS officers and biologists who accompanied us and became part of our team. Our sponsors, both equipment and financial, our team of radio pilots, our helicopter crew of Danilo, Nelson and JC, the staff of Moxon's Beach Club, the staff at Ian Fleming International. Airport and our new friends, the Haitian fisherman at Navassa. When we departed, they received gifts from us of gasoline, clean water, clothing, food and other items. Hopefully, this will help them in their difficult and dangerous existence.

Lastly, we want to recognize and thank a group of 1 543 DXers. These people heard and responded to our plea for financial support prior to our DXpedition as this when the majority of our considerable expenses occurred. Last night, these special and generous people had their QSOs with K1N uploaded to LoTW (logbook of the world). This service was NOT a condition of their contribution, but comes as a completed surprise.

Thanks to you all for a memorable experience!

73, the KP1-5 Project - Bob, K4UEE, President; Glenn, WOGJ, Vice President; Mike, NA5U, Secretary. www.navassadx.com

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Reunion Island, FR. David, F8AAN is currently active from Reunion Island, IOTA AF-016, as FR/F8AAN until 3 March. He is active on the HF bands, mainly CW, using a FT-897 and 40 to 10 m portable antenna. QSL via home call, direct only (David Albert, 13 Chemin Pey Broustera, 33340 Gaillan Medoc, France). Log will be uploaded to LOTW and eQSL.

Ascension Island, ZD8. Werner, DJ9KH, Axel, DK9BDN, and Christian, DL6KAC, will be active from The Garden Cottage, Green Mountain, Ascension Island, IOTA AF-003, WW Loc.

II22tb) as ZD8D between 24 February and 10 March. Activity will be on 160 to 6 metres CW, SSB and RTTY, with a focus on 160 to 40 metres. QSL via DL9HO. Operations will probably include the ARRL DX SSB Contest on 7 and 8 March. You can use the ZD8D Online QSL Request System to get your ZD8D card(s). The OQRS is available for direct and Bureau cards. Further information and updates on their website at www.zd8d.de/

Cape Verde, D4. Lukas, HB9EBT, will be active as D44TEG from Tarrafal, Sao Tiago Island (AF-005) between 15 and 27 March. Activity will be on 40 to 10 meters CW only using an Elecraft K3 with 100 watts into a Triple Leg antenna on a 15 m Fiberglass pole and home-made feeder line. QSL via his home call sign, direct (NO IRCs) or by the Bureau.

Lampedusa Island, AF-019. Luigi, IK8HCG, will be active as IG9R from Lampedusa Island (with the support from Italian Navy Force), African Italy, during the next CQ WW DX SSB Contest (24 and 25 October) as a Single-Op/Single-Band (160 m) entry. QSL via IK8HCG.

South Africa, ZS. An unconfirmed report of a possible activation of Robben Island for Islands on the Air during the Easter Weekend. Robben Island is IOTA AF-064 and probably the easiest of the South African islands to activate.

Silent Key

It is sad to report that Charles F. Frost, "Frosty," K5LBU, became a Silent Key on 14 February and on his 74th birthday. As mentioned a couple weeks ago Frosty was at a hospice location. He is a well-known DXer noted for his African DXpeditions/Safaris and a member of the Texas DX Society www.tdxx.net/SK/k5lbu.html.

His family opened a gofundme page to help with medical and funeral costs at www.gofundme.com/charlesfrost.

OPDX and HF Happenings and its readers would like to send out our deepest

sympathy to the family and friends of K5LBU. Frosty will surely be missed by many.

African DX

Malawi, 7Q. Ken, LA7GIA will once again be active as 7Q7GIA from Lilongwe, Malawi, between 21 and 28 February. Plans are to be active on 80 to 10 metres CW and RTTY, with wire and vertical antennas. QSL via home call, direct (NO IRCs) or Bureau. Logs will be uploaded to LOTW and ClubLog.

The Gambia, C5. Dom, M1TKA, will once again be active as C5/M1TKA from a beachfront location near Brufu in The Gambia between 12 and 17 March. Activity will be holiday style on 80 to 10 meters, including 30, 17 and 12 metres, operating QRP using CW. Expect some SSB as /P from the beach and some Digital, especially at night (UK hours). Dom mentions that during the weekend of the RSGB Commonwealth CW Contest (BERU) between 12:00 UTC 14 and 12:00 UTC 15 March, unless you are a BERU country in the contest, he will likely ignore you. There is a possible side trip to Bijol Island (AF-060) for a one-day operation. QSL via his home call sign or LoTW. For more details and updates, see his Blog page at <http://m1kta-grp.blogspot.co.uk>

Tanzania, 5H. Stefano, IK6JRI, will be active as 5H1JRI from Zanzibar Island (AF-032) between 20 February and 3 March. Activity will be holiday style (during his spare time from hospital) on 40 to 10 metres, possibly 80 m, on SSB only. QSL via IK7JWX.

Eritrea, E3. Press Release 1 by Y. Zorro Miyazawa, JH1AJT.

The SEISA/Foundation for Global Children is pleased to announce our next activity as "Eritrea Project 2015." As part of this project, we will conduct an amateur radio DXpedition from Asmara Eritrea, from 6 to 17 March 2015. A multi-national team of nine operators consisting of Zorro, JH1AJT, Team Leader; Paul, N6PSE Co-Leader; Franz, DJ9ZB; Jay, JA1TRC; Yuki, JH1NBN; Kazu,

JH1OGX; Thomas, NQ7R; David, WD5COV, and Dmitri, RA9USU, will participate in the DXpedition.

We are very excited about this announcement as it has taken many months of careful planning and negotiations to bring about this amateur radio event. Our DXpedition call sign will be assigned to us upon our arrival in the capitol of Asmara. We will use four transceivers consisting of two Elecraft K3 radios with the KPA500 amplifiers and two Kenwood TS590 transceivers with the ACOM 1010 amplifiers. We will use beam antennas for the high bands (10 to 20 metres) and four verticals for the low bands (30 to 160 metres). We will try to work every area as much as possible. Our QSL Manager is Tim, M0URX.

We are thankful to have the following sponsors supporting our plans - Northern California DX Foundation, German DX Foundation, International DX Association, Northern California DX Club, Southwest Ohio DX Association, Intrepid-DX Group, Lone Star DX Association, Northern Illinois DX Association, Swiss DX Foundation, Western Washington DX Club, Southeastern DX Club, Orca DX and Contest Club, Southeast Michigan DX Association, Carolina DX Association, Northern Ohio DX Association, Oklahoma DX Association, Danish DX Group, Long Island DX Association, Western New York DX Association and Elecraft.

If you wish to make a donation via PayPal, our address is jh1ajt@fgc.or.jp (note-please do not send email to this address, it is for PayPal purposes only)

Burkina Faso, XT. Harald, DF2WO, will again be active holiday style as XT2AW from Ouagadougou, Burkina Faso, between 20 May and 25 June. He will be active using CW and SSB on the HF bands. QSL via M0OXO, OQRS DIRECT.

Guinea, 3X. Michael, PA5M is active as 3XY5M for the next two months while working for the World Food Programme. Activity is on the HF bands and possibly 6 metres in his spare time. QSL via PA7FM.

9F2SH, Ethiopia. In response to recent info relating to Abel, 9F2SH having no proper paperwork and not valid for DXCC, we have the latest direct from Abel in Addis Ababa.

"Hi guys, I read on the web that 9F2CW has apparently no license and is invalid. Well, I have my license in hand but have not yet submitted to ARRL as I was unaware to do this. At the moment I am on campus and very busy, but will submit to ARRL when I return to Addis Ababa. Unfortunately, the photo scanner at my current location is broken so I cannot send a copy yet.

Reading that I am "invalid, with no documentation received" makes me appear to be a bad person, so how about a little patience please instead of believing what you read elsewhere. You may wish to refer to G7VYF (ET3KT) about my license."

History this week

Starting Sunday 22 February 2015

1675 - John Flamsteed appointed first Astronomer Royal of England

1790 - The modern shoestrapping (string and shoe holes) invented in England

1837 - Thomas Davenport patented the first practical electrical motor

1839 - WS Otis of Philadelphia, Penn., was issued a US patent for the steam shovel

1857 - Birth of Robert Stephenson Smyth Baden-Powell, Baron Baden Powell, founder of the Scout Movement and Chief Scout of the World (22 Feb)

1885 - Eastman Film Co manufactures first commercial motion picture film

1886 - Aluminium manufacturing process developed

1886 - London Times publishes the world's first classified ad

1891 - London-Paris telephone connection opens

1893 - Carborundum was patented by Edward G. Acheson of Monongahela, Penn

1889 - Birth of Olave St Clair Baden-Powell, Baroness Baden-Powell, Chief Guide of the World (22 Feb)

1908 - Dutch scientists produce solid helium

The Reverse Beacon Network

The geophysics community as described in this story by the Earth and Space Science News <https://eos.org/research-spotlights/radio-blackout-ham-radio-operational-scientific-instrument> has noticed the Reverse Beacon Network's unending stream of radio observations from around the world <http://reversebeacon.net/>. The detailed paper, "Ionospheric Sounding Using Real-Time Amateur Radio Reporting Networks" in the journal *Space Weather* is available online at <http://onlinelibrary.wiley.com/doi/10.1002/2014SW001132/abstract>.

The World Wide Lightning Location Network

The World Wide Lightning Location Network <http://wwlln.net/> is a new tool that has been developed for research into our changing climate <http://phys.org/news/2015-02-world-thunderstorm-key-climate.html>.

Perhaps an enterprising amateur will integrate this new data set into our plethora of mapping applications!

The CQ WW online database

CQ World Wide Director, Randy, K5ZD, reports that John, N2NC, and a team of volunteers have now extended the CQ WW online database back to its beginnings in 1953 www.cqww.com/stats.htm. Given the amount of activity these days, it is hard to believe there were only 167 phone entries and 187 CW entries back then. Among other interesting stats, you can see the winning score every year for any combination of country/category www.cqww.com/winners.htm.

Word to the Wise

Sad news was received Monday morning that competitor and station host Dich Pechie, KB1H, suffered a heart attack and died after participating in the ARRL DX CW contest during the weekend - a huge and unexpected loss to his family and the Yankee Clipper Contest Club community. Without inferring that the contest had anything to do

HF Happenings	No 646	February 2015
---------------	--------	---------------

with his demise, it is nevertheless a good idea to take care of yourself before, during and after these marathon radio events in which we sit at our radios for hour after hour, often foregoing good nutrition, sleep, and exercise.

2014 WRTC Video

James Brooks, 9V1YC, has produced a professional documentary on the 2014 WRTC event <https://vimeo.com/119947598?ref=tw-share>. Fast-paced and of the highest quality, this hour-long video makes for great viewing and the many interesting elements make this program well-suited for a club program attended by hams and non-hams alike.

Online grey line map

This online grey line map is a handy resource that lets you keep an eye on propagation opportunities while your ears are busy listening for the bands to open <http://dx.qsl.net/propagation/greyline.html>.

Grappling hooks

While grappling hooks are usually associated with movie-style prison breaks, rock-climbing, and various forms of pilferage, this High-Performance Grappling Hook from the Instructables project archives might have a home in your ham radio tower tool tote! www.instructables.com/id/High-Performance-Grappling-Hook/

Technical Web Site of the Week

Carl, K9LA, has a new post on his web-site, a review of one-way propagation http://k9la.us/Feb15_One-Way_Propagation_Revisited.pdf. Carl has also created a history of his propagation columns for the now-discontinued *WorldRadio* and *CQ Plus* http://k9la.us/html/monthly_feature.html

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 23 February to 2 March 2015

SKCC Sprint

00:00 - 02:00 UTC 25 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Exchange: RST, state, province or country, name and SKCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO; Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 23:59 UTC 27 February 2015

E-mail log summary to: (none)

Post log summary at:

<http://www.skccgroup.com/sprint/sks/sks-submit.html>

Mail logs to: (none)

Find rules at:

<http://www.skccgroup.com/sprint/sks/>

QRP Fox Hunt

02:00 - 03:30 UTC 25 February

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 26 February 2015

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

http://www.qrpfoxhunt.org/winter_rules.htm

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 25 February and 03:00 - 04:00 UTC 26 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

HF Happenings	No 646	February 2015
---------------	--------	---------------

Max power: HP: >100 watts; LP: 100 watts;
QRP: 5 watts
Exchange: Member: Name and member no;
non-Member: Name and state, province or
country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 04:00 UTC 28 February 2015
Post log summary at:
<http://www.hornucopia.com/3830score/>
Mail logs to: (none)
Find rules at: <http://www.cwops.org/cwt.html>

NCCC RTTY Sprint
01:45 - 02:15 UTC 27 February
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 1 March 2015
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rtty.html>

QRP Fox Hunt
02:00 - 03:30 UTC 27 February
Mode: CW
Bands: 80 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country,
name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO
points
Submit logs by: 03:30 UTC 28 February 2015
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint
02:30 - 03:00 UTC 27 February
Mode: (see rules)
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 1 March 2015
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.html>

CQ 160-Metre SSB Contest
22:00 UTC 27 February to 22:00 UTC 1 March
Mode: SSB
Bands: 160 m Only
Classes: Single Op - QRP, low or high; Single
Op Assisted - high; Multi-Op - high
Max operating hours: Single Op: 30 hours;
Multi-Op: 40 hours
Max power: HP: >150 watts; LP: 150 watts;
QRP: 5 watts
Exchange: W/VE: RS and state or province;
DX: RS and CQ Zone
QSO Points: 2 points per QSO with own coun-
try; 5 points per QSO with other countries on
same continent; 10 points per QSO with other
continents; 5 points per QSO with maritime
mobile
Multipliers: Each US state and DC (excluding
KH6/KL7); Each VE province; Each DXCC and
WAE country (including KH6/KL7)
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 22:00 UTC 6 March 2015
E-mail logs to: 160ssb@kkn.net
Mail logs to: CQ 160 Meter Contest, PO Box
481, New Carlisle, OH 45344, USA
Find rules at: <http://www.cq160.com/rules.htm>

UBA DX CW Contest
13:00 UTC 28 February to 13:00 UTC 1 March
Mode: CW
Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Single Op Single Band - low or high; Single Op QRP; Multi-Op; SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: ON: RST, serial no and province; non-ON: RST and serial no

Work stations: Once per band

QSO Points: 10 points per QSO with Belgian station; 3 points per QSO with other EU stations; 1 point per QSO with non-EU stations

Multipliers: Each Belgian province once per band; Each Belgian prefix once per band; Each EU DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 15 March 2015

E-mail logs to: ubacw@uba.be

Mail logs to: (none)

Find rules at:

<http://www.uba.be/en/hf/contest-rules/uba-dx-contest-rules>

North American RTTY QSO Party

18:00 UTC 28 February to 05:59 UTC 1 March

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op (QRP/Low); Multi-Two (Low)

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 05:59 UTC 8 March 2015

Upload log at:

<http://www.ncjweb.com/naqpsubmit/>

Get on the RaDAR....and GO!

RADAR
GOES GLOBAL

Mail logs to: Mark Aaker, K6UFO, 300 Berry St., Unit 1009, San Francisco, CA 94158-1668, USA

Find rules at: <http://www.ncjweb.com/NAQP-Rules.pdf>

NSARA Contest

12:00 - 16:00 UTC and 18:00 - 22:00 UTC 1 March

Mode: CW, SSB, Digital

Bands: 80 m Only

Classes: Single Transmitter

Exchange: Nova Scotia: RS(T) and county; non-NS: RS(T)

Work stations: Once per mode

QSO Points: 1 point per QSO

Multipliers: Nova Scotia counties once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 March 2015

E-mail logs to: ve1pjs@rac.ca

Mail logs to: Peter J. Surette, VE1PJS, 48 Birch St., Truro, Nova Scotia B2N 1P1, Canada

Find rules at:

<http://nsara.ve1cfy.net/nsaracst.htm>

SARL Hamnet 40 m Simulated Emergency Contest

12:00 UTC-14:00 UTC 1 March

Mode: SSB

Bands: 40 m Only

Classes: A: Single Op Stationary Mobile; B: Single Op Portable; C: Multi-Op Portable; D: Single Op Base Station

Exchange: Class A: RS and serial no (starting with 201); Class B: RS and serial no (starting with 401); Class C: RS and serial no (starting with 601); Class D: RS and serial no (starting with 801); Non-participants: RS and serial no (starting with 001)

Score Calculation: (see rules)

Submit logs by: 7 March 2015

E-mail logs to: contest@peham.co.za

HF Happenings	No 646	February 2015
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Mail logs to: Hamnet Eastern Cape, Al Akers,
ZS2U, 53 Clarence Street, Westering, Port
Elizabeth, 6025, South Africa

Find rules at:

[http://www.sarl.org.za/Document_Store/CON
T 20140101 SARL Contest Manual 2014.pdf](http://www.sarl.org.za/Document_Store/CON T 20140101 SARL Contest Manual 2014.pdf)

North Carolina QSO Party: 15:00 UTC 1 March
to 00:59 UTC 2 March

Mode: CW, Phone, Digital

Bands: 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op - NC or non-NC - CW,
phone, digital or mixed; Single Op Mixed QRP
- NC or non-NC; NC Mobile Mixed; NC Mobile
Lone Ranger Mixed; NC Club Mixed; NC Club
Phone; NC County Expedition Mixed - low or
QRP

Max power: LP: 150 watts; QRP: 5 watts

Exchange: NC: County; non-NC: state, province
or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points
per CW QSO; 3 points per digital QSO; Bonus
Points: 50 points for at least one QSO with
Person county; 50 points for at least one QSO
with Surry county; 50 points for at least one
QSO with NI4BK; 50 points for at least one
QSO with W4DW; 50 points for at least one
QSO with K4CIA; 50 points for at least one
QSO with NC4QP; Bonus Points for NC Mo-
biles/Expeditions: 100 points for each county
activated

Multipliers: NC stations: Each NC county,
state, province, and one DXCC country once;
Non-NC stations: Each NC county once

Score Calculation: Total score = (total QSO
points x total mults) and bonus points

Submit logs by: 16 March 2015

E-mail logs to: logs@ncqsoparty.org

Upload log at:

<http://rars.org/ncqsoparty/index.php?id=logs>

Mail logs to: NC QSO Party, 1318 Alderman
Circle, Raleigh, NC 27603, USA

Find rules at:

<http://rars.org/ncqsoparty/index.php?id=rules>

RSGB 80 m Club Championship, Data

20:00 - 21:30 UTC 2 March

Mode: RTTY, PSK

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 9 March 2015

Upload log at: [http://www.vhfcc.org/cgi-
bin/hfenter.pl](http://www.vhfcc.org/cgi-bin/hfenter.pl)

Mail logs to: (none)

Find rules at:

[http://www.rsqbcc.org/hf/rules/2015/r80
mcc.shtml](http://www.rsqbcc.org/hf/rules/2015/r80mcc.shtml)

Next Week's Contests

ARS Spartan Sprint, 02:00 - 04:00 UTC 3
March

AGCW YL-CW Party, 19:00 - 21:00 UTC 3
March

QRP Fox Hunt, 02:00 - 03:30 UTC 4 March

CWops Mini-CWT Test, 13:00 - 14:00 UTC and
19:00 - 20:00 UTC 4 March and 03:00 - 04:00
UTC 5 March

AWA John Rollins Memorial DX Contest,
23:00 UTC 4 March to 23:00 UTC 5 March
and 23:00 UTC 7 March to 23:00 UTC 8
March

NRAU 10 m Activity Contest, 18:00 - 19:00
UTC (CW), 19:00 - 20:00 UTC (SSB), 20:00 -
21:00 UTC (FM) and 21:00 - 22:00 UTC 5
March (Dig)

QRP Fox Hunt, 02:00 UTC-03:30 UTC 6
March

ARRL International DX SSB Contest, 00:00
UTC 7 March to 24:00 UTC 8 March

Wake-Up! QRP Sprint, 06:00 - 06:29 UTC,
06:30 - 06:59 UTC, 07:00 - 07:29 UTC and
07:30 - 08:00 UTC 7 March

SKCC Weekend Sprintathon, 12:00 UTC 7
March to 24:00 UTC 8 March

Open Ukraine RTTY Championship, 18:00 -
20:59 UTC (Low Band) and 21:00 - 23:59 UTC
7 March (Low Band), 08:00 - 10:59 UTC 8
March (High Band) and 11:00 - 13:59 UTC 8
March (High Band)

UBA Spring Contest, CW, 07:00 - 11:00 UTC 8
March

DARC 10-Meter Digital Contest, 11:00 - 17:00
UTC 8 March

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL DX Newsletter, ARRL DX News, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin

Baron and Baroness Baden-Powell, Chief Scout and Chief Guide of the World

